Walla Walla Public Schools
Developing Washington's Most Sought-After Graduates

WWPS Eighth Grade Promise Standards

Eighth Grade Families: In Walla Walla Public Schools, we operate in an aligned and coherent system. This means students will receive access to the same promise standards no matter which school they attend. The eighth grade team at your child's school will support all students to reach proficiency on the promise standards listed below, while also addressing all of the eighth grade math and language arts standards. Teachers identified these promise standards in alignment with previous and following grade levels to ensure skills build from year to year, and lead to a successful educational career in Walla Walla Public Schools.

> Functions   Expressions and Equations   Geometry

Eighth Grade Math Promise Standards

- Interpret the equation $y = mx + b$ as defining a linear function, whose graph is a straight line; give examples of functions that are not linear.
- Construct a function to model a linear relationship between two quantities. Determine the rate of change and initial value of the function from a description of a relationship or from two (x, y) values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the situation it models, and in terms of its graph, or a table of values.
- Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = $ p, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that √2 is irrational.
- Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways. For example, compare a distance-time graph to a distance-time equation to determine which of two moving objects has greater speed.
- Solve linear equations in one variable.
- Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by successively transforming the given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers).
- Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.
- Analyze and solve pairs of simultaneous linear equations.
- Understand that solutions to a system of two linear equations in two variables correspond to points of intersection of their graphs, because points of intersection satisfy both equations simultaneously.
- Solve systems of two linear equations in two variables algebraically, and estimate solutions by graphing the equations. Solve simple cases by inspection. For example, 3x + 2y = 5 and 3x + 2y = 6 have no solution because 3x + 2y cannot simultaneously be 5 and 6.
- Explain a proof of the Pythagorean Theorem and its converse.
- Apply the Pythagorean Theorem to find the distance between two points in a coordinate system.

WWPS Eighth Grade Promise Standards

Reading: Literature   Reading: Informational Text   Writing   Language   Speaking and Listening

Eighth Grade Language Arts Promise Standards

- Determine a theme or central idea of a text and analyze its development over the course of the text, including its relationship to the characters, setting, and plot; provide an objective summary of the text.
- Analyze how particular lines of dialogue or incidents in a story or drama propel the action, reveal aspects of a character, or provoke a decision.
- Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text.
- Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.
- Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient; recognize when irrelevant evidence is introduced.
- Write arguments to support claims with clear reasons and relevant evidence. Establish and maintain a formal style. Provide a concluding statement or section that follows from and supports the argument presented.
- Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content. Establish and maintain a formal style. Provide a concluding statement or section that follows from and supports the information or explanation presented.
- Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences. Use a variety of transition words, phrases, and clauses to convey sequence, signal shifts from one time frame or setting to another, and show the relationships among experiences and events. Use precise words and phrases, relevant descriptive details, and sensory language to capture the action and convey experiences and events.
- Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.

Social Studies Skills   Civics   Economics   Geography   History

WWPS Eighth Grade Promise Standards

Eighth Grade Social Studies Promise Standards

- Evaluate the logic of reasons for a position on an issue or event.
- Create and use research questions to guide inquiry on an issue or event.
- Engage in discussion, analyzing multiple viewpoints on public issues.
- Use appropriate format to cite sources within an essay, presentation, and reference page.
- Explain key ideals and principles outlined in the Declaration of Independence, the U.S. Constitution, and the Bill of Rights.
- Analyze the structure and powers of government at the national level.
- Analyze how a claim on an issue attempts to balance individual rights and the common good.
- Analyze how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.
- Analyze how the environment has affected people and how people have affected the environment in the United States in the past or present.
- Explain and analyze migration as a catalyst for the growth of the United States in the past or present.
- Explain how themes and developments help to define eras in United States history from 1763 to 1877.
- Explain and analyze how individuals and movements have shaped United States history (1763-1877).
- Explain and analyze how technology and ideas have impacted United States history (1763-1877).
- Analyze multiple causal factors to create positions on major events in United States history (1763-1877).
- Analyze how a historical event in United States history helps us to understand contemporary issues and events.